

### AMF Absolute- Series

AMF Series cartridges are constructed of Nylon 6 membrane with a narrow pore size of distribution and high porosity at the specified pore size of 0.2 $\mu$ m, 0.45 $\mu$ m, 0.65 $\mu$ m rating. AMF Series filters are suitable for the sub-micro filtration of a wide range of process liquid, in application where the characteristics of a naturally hydrophilic membrane are required. Each cartridge has passed strict integrity testing for quality assurance. Various grades of cartridges are used for pure water supply and fine chemicals.



### Features & Benefits



- ▶ Good chemical compatibility. Compatible with most of sanitary reagents, including up to 50% H<sub>2</sub>O<sub>2</sub> and up to 1.6% bleach 800 ppm NaOCl.
- ▶ Excellent hydrophilization, no presetting required.
- ▶ 0.6m<sup>2</sup> of filtration area, low pressure drop. And high flow rate.
- ▶ Integrity test is available.
- ▶ End caps and inner outer core sealed by thermally bonded, free of binder.

### Applications of product

- ▶ Terminal fine filtration for DI water system.
- ▶ Filtration of base solutions, solvents and photoresists for LCD factory.
- ▶ Filtration for electronic industry.
- ▶ High-purity chemical liquid filtration.

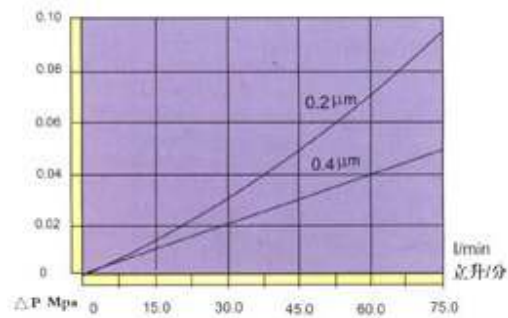
## Specifications and construction

Retention rating ( $\mu\text{m}$ )	0.2、0.45、0.65 micron
Length (inch)	10" 20" 30" 40"
Effective filters area	0.60m <sup>2</sup>
Inner Diameter	28mm
Outer Diameter	69mm
Media of membrane	Nylon 6 membrane fiber
Inner & outer core	High strength polypropylene
Gasket cap material	Buan N, Silicone, Viton
Chemical compatibility	See " <a href="#">chemical Compatibility FormB</a> "

## Operation condition

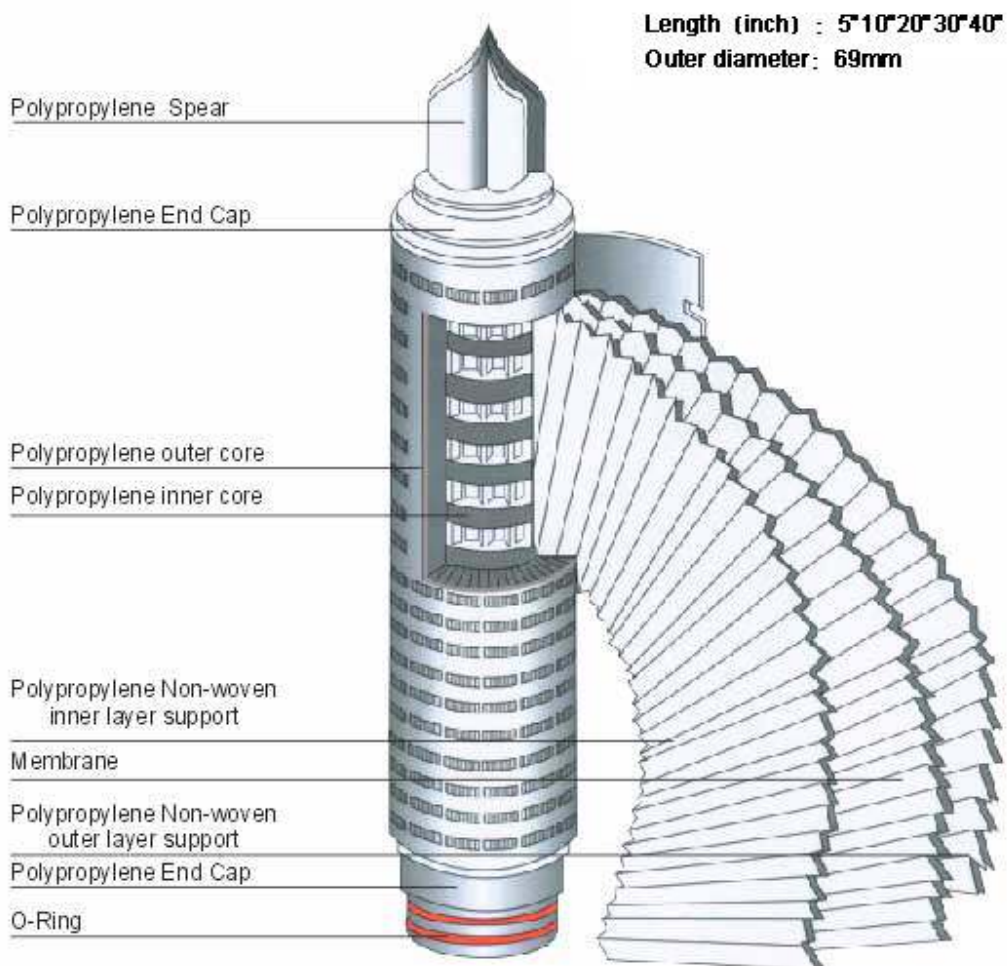
Max. differential pressure	0.42Mpa at 25°C
Max. back pressure	0.21Mpa at 25°C
Max. operating temperature	49°C, 0.21 Mpa $\Delta P$
Water flow rate	See "water flow rates"

Water Flow Rates (10" cartridge)











## AMF - Series Polypropylene Pleated Cartridges

### AMF - Series of Construction



## Form A

Type No.A	Type No.B	Type No.C	Type No.D
			
Double plate open OD69mm ID 28mm	Double plate seal OD 69mm ID 28mm	222 O-ring /end cap OD: 44.5mm	222 O-ring/stainless steel OD: 44.5mm
Type No.E	Type No.F	Type No.G	Type No.H
			
226 O-ring / end cap OD: 57mm (Two O-ring with fin)	226 O-ring / stainless steel OD: 57mm (Two O-ring with fin)	223O-ring / end cap OD: 44.5mm (Two O-ring with three fin)	Spear End Cap (Fin)